

ABSTRACT

5 A jet injector comprising a housing (1) to be
 pressurized and holding a medical drug and which is
 defined by an enclosing periphery wall (3) and a bottom
 wall (4) having an internal surface (5) facing the
 interior of the housing (1) and opposite external
 surface (6). The bottom wall (4) has a through, truncated
 cone-shaped aperture (8) extending between said internal
 10 (5) and external (6) surfaces and through which said
 medical drug is expelled from the housing (1) and
 transformed into a thin jet stream (18) penetrating the
 skin of said person to be treated. An insert (9) having
 an essentially cone-shaped body (10) such that a portion to be
 inserted into said housing (1), is received in said aperture (8).
 15 An insert (9) having
 which is essentially congruent to the periphery wall (13)
 of said cone-shaped body (10), the periphery wall (13) of said
 aperture (8), is established between said portion (13)
 one passage (7) is established between said portion (13)
 20 of said cone-shaped body (10), the periphery wall (12) of said
 housing (1). The drug then flows along said aperture wall (13)
 through which the medical drug is expelled from the
 cone-shaped body (10) to be delivered from the point (14)
 25 of the cone-shaped body (10) as a coherent, thin jet
 stream (18).

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Elected for publication: Fig. 1

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